| Index o | f Claims |
|---------|----------|
|         |          |

Application No.

10/717,355

Examiner

Hung Vu

Applicant(s)

HUANG, YUAN-CHANG

Art Unit

2811

| 1 | Rejected | 1 |  |
|---|----------|---|--|
| = | Allowed  | + |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ţ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
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| 0 | Objected |

| Claim    | Date     |         |           |              |          |         | . [      | Claim Date |          |              |          |          |               |                |                    |          | CI       | aim      | Date   |          |          |              |            |    |          |              |                  |          |          |                 |          |               |
|----------|----------|---------|-----------|--------------|----------|---------|----------|------------|----------|--------------|----------|----------|---------------|----------------|--------------------|----------|----------|----------|--|----------|----------|--------------|------------|----|----------|--------------|------------------|----------|----------|-----------------|----------|---------------|
| Final    | 11/18/04 |         |           |              |          |         |          |            |          | Final        | Original |          |               |                |                    |          |          |          |  |          |          | Final        | Original   |    |          |              |                  |          |          |                 |          |               |
|          |          | 1       | $\vdash$  | t            | t        |         |          |            |          |              | 51       |          | Ι             |                |                    | ╛        |          |          |  |          |          |              | 101        |    |          |              | 口                |          |          |                 |          |               |
| 2        | V        |         |           |              | Г        |         |          |            |          |              | 52       |          | Ш             | $\Box$         | $\Box$             |          | $\Box$   | _        |  |          |          |              | 102        |    | Ц        |              | $\dashv$         | _        | 4        | 4               | $\dashv$ | _             |
| 3        | Į,       | ╀-      | ╄         | ╀-           | ╀-       | ╄-      | <u> </u> |            |          |              | 53<br>54 | _        | -             | $\dashv$       | -                  | ÷l       | 4        | $\dashv$ | 4  | $\vdash$ |          |              | 103<br>104 |    | -        | -            | -1               | ┥        | -1       | $\dashv$        | $\dashv$ | 4             |
| 5        | 7        | ╄       | ╀         | ╁            | ╁        | ╂       | ├        |            |          |              | 55       | -        |               | $\vdash$       | ᅥ                  | ᅱ        | -        | $\dashv$ | -  | Н        |          | _            | 105        |    | -        |              | ┥                | ┪        | ┪        | $\dashv$        | ┪        | $\dashv$      |
| 6        | 1        | ╁       | ╁         | ╁            | ┢        | ╁       | ╁╴       | Н          |          |              | 56       | ┢─       | Н             | H              |                    | ┪        | $\dashv$ |          | -  | -        | 1.       |              | 106        |    |          |              | 一                | ┪        | 7        | 寸               | ┪        |               |
| 1 7      | 171      | 十       | ╁         | ✝            | t        | ╁       |          |            | ŀ        |              | 57       | Г        | ┪             |                | ヿ                  | ╛        |          | $\neg$   |  |          | •        |              | 107        |    |          |              |                  |          | $\Box$   |                 | $\Box$   |               |
| 8        | 1        |         |           |              |          |         |          |            |          |              | 58       |          |               |                |                    |          |          |          |  |          |          |              | 108        |    |          |              |                  | $\Box$   | _        | 4               | _        |               |
| <u> </u> | 1        | $\perp$ | L         | $oxed{\bot}$ | oxdot    |         |          |            |          |              | 59       | L.       | L             | Ш              | _                  | _        | _        |          | _  | _        |          | _            | 109        |    |          | Щ            |                  | 4        | -        | -               | 4        | _             |
| 10       | 1        | $\bot$  | ╄         | 1            | <u> </u> | ┼       | ┡        | L          | ·        | <u> </u>     | 60       | ļ        | _             | Н              | 4                  | -        |          | Н        |  | Н        |          | <u> </u>     | 110        |    |          | Н            | $\dashv$         | $\dashv$ | ╌╢       | -+              | $\dashv$ |               |
| 11       | 1        | +       | ╄         | ╄            | +        | ╂       | ₩        | H          | ,        | <b> </b>     | 61<br>62 | -        | -             | Н              | $\dashv$           |          | -        | Н        | Н  | $\vdash$ |          | <del> </del> | 111        |    | Н        | Н            | $\dashv$         | ┥        | -        | $\dashv$        | ᆉ        |               |
| 12       | 1        | +       | ╀         | ╁            | ╁        | +-      | ⊢        | ┝          |          | <del> </del> | 63       | $\vdash$ | ⊢             | Н              | $\dashv$           | $\dashv$ | -        | Н        | H  | H        |          | -            | 113        |    | Н        | Н            | $\dashv$         | $\dashv$ | ᅥ        | 一               | +        | _             |
| 14       | 체        | +       | ╁         | +            | ╁        | +-      | 十        | $\vdash$   | ľ        |              | 64       | ┢        | <del> -</del> | H              | $\dashv$           | $\dashv$ |          |          |  | Г        | •        | <u> </u>     | 114        |    | П        |              | $\Box$           | $\dashv$ |          |                 | _        | _             |
| 435      |          | ╁       | t         | ╁╴           | 十        | 十       | t        | Т          |          |              | 65       | T        | ┢             | П              | П                  |          |          |          |  |          |          |              | 115        |    |          |              |                  |          |          |                 |          |               |
| 16       | N        | 十       | T         |              | Τ        | T       |          |            | ]        |              | 66       |          |               |                |                    |          |          |          |  |          | <u> </u> |              | 116        |    |          |              |                  |          |          | $\Box$          | _        |               |
| 21       | N        |         | L         | $\mathbb{L}$ | $\Gamma$ | Т       |          |            | ]        |              | 67       |          |               | Ц              |                    |          |          |          |  | <u> </u> | l        |              | 117        | _  | _        | Ш            |                  |          |          | _               | 4        | _             |
| 18       | M        | Ι.      | Γ         |              | ┸        | _       | ╙        | L          | F.,      |              | 68       | L        | 1_            | Н              |                    | $\vdash$ | _        | Н        | _  | ļ        | Ι.       | <u> </u>     | 118        | _  | H        | -            | Н                |          |          | -               |          |               |
| 19       | N        | _       | ╄         | 4-           | ╀-       | ╀-      | ╄        | _          |          | <u> </u>     | 69       | Ь.       | ┡             | Н              | -                  | _        | H        | H        | -  | -        | ł        | <u> </u>     | 119        | -  | -        |              | Н                | -        | -        | $\dashv$        | ┥        | _             |
| 20       | N        | +       | ╀         | ╀            | +-       | ╄       | ╀        | ⊢          | ┨        |              | 70<br>71 | H        | ╄             | Н              | Н                  |          | H        | Н        |  | ╌        | 1        | ├            | 121        | ┢  | ┪        |              | Н                | Н        |          | +               | $\dashv$ | _             |
| 21       | + +      | ╁       | ┿         | +            | ╁        | ╫       | ╁        | ⊢          | <u> </u> | ⊢            | 72       | ┢        | ┢             | Н              | Н                  | Н        | $\vdash$ |          | Н  | Н        |          | $\vdash$     | 122        |    | 1        |              |                  |          | $\neg$   | 7               | ┪        | _             |
| 23       | ++       | +-      | ┿         | ┿            | 十        | 十       | H        | ┢          | ľ        | $\vdash$     | 73       | ┢        | T             | Н              | П                  | Н        | Г        |          |  |          | ή,       | $\vdash$     | 123        |    | Г        |              |                  |          |          |                 |          |               |
| 24       | 11       | $\top$  | 十         | †            | T        | 十       | 1        |            | 1        |              | 74       |          |               |                |                    |          |          |          |  |          | ]        |              | 124        |    |          |              |                  |          |          |                 |          |               |
| 25       |          | T       | Τ         | I            | m I      |         |          |            |          |              | 75       |          |               |                |                    |          |          |          |  | L        |          | <u> </u>     | 125        | ᆫ  | _        | _            | <u> </u>         |          |          | _               | _        | _             |
| 26       | П        |         | I         | L            |          |         | Ļ        |            | 1        |              | 76       | L        | L             | _              | Ш                  |          | _        | <u> </u> | _  | ļ.,      |          | <u> </u>     | 126        | ┞— | <b>!</b> | ⊢            | -                |          |          | -               | _        | _             |
| 27       | 1-1      | _       | ╀         | 4            | 4        | ╀       | ╀-       | ⊢          | ١.       | <u> </u>     | 77       | ┡        | -             | ⊢              | Н                  | <u> </u> | <u> </u> | <u> </u> | ┝  | ┞        | ł        | <b> </b>     | 127<br>128 | ⊢  | ⊢        | <del> </del> |                  | _        |          |                 | -        | _             |
| 28       | ╀-┼      | -       | +         | ╀            | ╀        | +-      | ╄        | ⊢          | 4        | <u> </u>     | 78<br>79 | ┡        | ⊢             |                | $\vdash$           | -        | ⊢        | ├        | ┝  | ⊢        | ┨        | ⊢            | 129        | ⊢  | ┝        | -            | Н                | -        | _        | $\dashv$        | -        | _             |
| 29<br>30 | ++       | +       | ╀         | ╁            | ╀        | ┿       | ╀        | ⊢          | ┨        | $\vdash$     | 80       | ╀        | ├-            |                | Н                  | H        | ┝        | -        | ⊢  | Н        | 1        | $\vdash$     | 130        | ┢  | ┢        | $\vdash$     | $\vdash$         | _        |          | $\dashv$        | -        | _             |
| 31       | ╁┼       | ┿       | ╀         | ╫            | +        | +       | ╁        | 一          | ┪        | ┢─           | 81       | H        | t             | ┢              |                    | -        | ┢        | ┪        | ┢  | H        | 1        | <u> </u>     | 131        | H  | _        |              | $\vdash$         |          |          |                 | _        |               |
| 32       | +        | _       | ╁╌        | +-           | ╈        | ╈       | +-       | t          | 1 ⋅      | H            | 82       | T        | t             | ┢              | Н                  |          | Г        | Г        | Т  | ⇈        | 1        |              | 132        |    |          |              |                  |          |          |                 |          |               |
| 33       | 11       | 十       | Ť         | 1            | T        | T       | T        | Γ          | 1        |              | 83       |          |               | L              |                    |          |          |          |  |          | ] .      |              | 133        |    |          |              |                  |          |          |                 |          | Ĺ             |
| 34       |          |         | Ι         | Ι            | Ι        |         |          |            | 1        |              | 84       |          |               |                |                    | 匚        |          | 匚        |  |          | ŀ        | 匚            | 134        | Ĺ  |          | Ĺ            | $ldsymbol{oxed}$ | L        | oxdot    | $\Box$          | _        | L             |
| 35       | $\Box$   |         | Γ         | $\perp$      | Ĺ        |         |          | Ļ          | 1        |              | 85       | L        | 1             | <b>L</b>       | $ldsymbol{\sqcup}$ | _        | <u> </u> | L        | L  | Ļ        | 1        | <b> </b>     | 135        | ┡- | ⊢        | ⊢            | <u> </u>         | ┡        | L        | $\vdash \vdash$ | 4        | $\vdash$      |
| 36       | $\perp$  | _ _     | $\bot$    | ╀            | +        | 4       | ╁        | ₽          | 1        | <u> </u>     | 86       | ┡        | ╀             | <del> </del> — | -                  | -        | L        | ⊢        | ┡  | ╄        | ┨        | <u> </u> -   | 136<br>137 | -  | ⊢        | ┝            | H                | $\vdash$ | ⊢        |                 | -        | -             |
| 37       | +        | +       | +         | +            | +        | +       | ╀        | $\vdash$   | ┨.:      | -            | 87<br>88 | ⊢        | ╁             | $\vdash$       | 1                  | $\vdash$ | ├-       | -        | $\vdash$   | ╀        | 1        | ⊢            | 138        | -  | $\vdash$ | $\vdash$     | $\vdash$         | -        | -        | $\vdash$        | -        | -             |
| 38       | +        | +       | +         | +-           | ┿        | ╁       | ┿        | ╁          | 1        | $\vdash$     | 89       | ╁        | +             | ╁╾             | ┢                  | ┝        | $\vdash$ | $\vdash$ | ⊢  | ╁╌       | 1        | -            | 139        | H  | ┪        | $\vdash$     | 1                | ┪        | $\vdash$ | Н               | _        | H             |
| 40       | +        | +       | ╁         | +            | +        | +       | +        | H          | ┨        | <b>—</b>     | 90       | ✝        | t             | ╁╌             | Н                  | Н        | H        | ┢        | <del>                                     </del> | ✝        | 1        |              | 140        | T  | t        | T            | Т                | 一        | $\vdash$ | Н               |          | Г             |
| 41       | +-+      | +       | $\dagger$ | $\dagger$    | +        | 十       | 十        | T          | 1        | <b>—</b>     | 91       | Τ        | T             | T              | Г                  | Г        |          |          |  |          | 1        |              | 141        | Γ  | Γ        | Γ            | Г                |          |          |                 |          |               |
| 42       | 11       | $\top$  | 1         | İ            | T        | I       | İ        | L          | 1        |              | 92       | L        | Ι             |                |                    |          |          |          |  | Γ        | ]        |              | 142        | Г  |          |              |                  |          |          |                 |          | 匚             |
| 43       |          |         | Ι         | Ι            | Ι        | L       |          | L          | ]        |              | 93       | L        | $\Box$        |                |                    |          | Ľ        |          |  |          | 1        |              | 143        | L  | 1        | ┡            | <u> </u>         | <b> </b> | L        | Ш               |          | L             |
| 44       | П        | $\perp$ | $\perp$   | I            | T        | $\perp$ | F        | L          | 1        | <u> </u>     | 94       | 1        | $\perp$       | 1_             | <u> </u>           | L        | L        | ┡        | 1  | ┡        | -        | $\vdash$     | 144        | ┞  | ╄        | ┡            | ⊢                | ├-       | -        | Н               |          | $\vdash$      |
| 45       |          | $\bot$  | 4         | 4            | +        | 4       | ┺        | 1          | -        | <b>—</b>     | 95       | ╀        | ╀             | +              | ├                  | -        | ⊢        | $\vdash$ | ╀  | ╀        | -        | $\vdash$     | 145<br>146 | +- | $\vdash$ | ╁            | $\vdash$         | $\vdash$ | -        | Н               | Н        | $\vdash$      |
| 46       | ┿        | +       | +         | +            | +        | ╁       | ╁        | ╀          | 1        | $\vdash$     | 96<br>97 | ╀        | ╁             | ┰              | $\vdash$           | ╁        | ├-       | ╁        | ╁  | ╁╌       | 1        | -            | 147        | ╁  | +        | ╁            | ┢                | ┢        | $\vdash$ | Н               |          | <del> -</del> |
| 48       | ╂╫       | +       | 十         | ╫            | +        | ╁       | +        | +          | ┨        | -            | 98       | 十        | ╁             | +              | ╁                  | ╁        | 十        | +-       | ۲  | †        | 1        | $\vdash$     | 148        | H  | †        | 十            | 一                | -        | 一        | Н               | Н        | Н             |
| 49       |          | +       | +         | +            | ╁        | +-      | +        | T          | 1        | -            | 99       | t        | t             | t              | ⇈                  | T        | T        | Τ        | Η  | T        | 1        | $\vdash$     | 149        | T  | $\top$   | T            | T                |          |          |                 |          | Г             |
| 50       | ++       | +       | †         | 十            | +        | T       | +        | ✝          | 1        |              | 100      |          | 1             | Т              |                    | Γ        |          |          | Г  | T        | 1        |              | 150        |    | Γ        |              |                  | $\Gamma$ | Г        |                 |          | $\Box$        |